

Amended claims as enclosed to the International Preliminary Examination report (2 pages in total)

FRAUNHOFER-GESELLSCHAFT

New patent claims

1. Metal-containing ribonucleotide proteins containing a protein from the family of S100 proteins, an RNA and copper as metal ion in the form of a ternary complex, characterised in that the RNA of the ternary complex has the following sequences:

(a1) (ARNA I)

Klon-3a (ARNA I)

AAAAAAAAAGGUUUUCAUGCGUGCUCACAGAUCAAGCUCUUUCUGGAUUGAAAAGCU  
AAGCACAGAACAUUGGAAAAUCCUUUCAUAUGGCUGUGUUUACAAACAAAAAGU  
AUAAACAUCUUGAGCAAACAGAAUGGUGAGGAAAACUUUGUUAGCAGAUUAG

or

(a2) ARNA VI

Klon-P10 (ARNA VI)

UUACAGCUCUUCUGUUUUAUAGUUUAUUCAAUACCAAUUAGUAGUUUGUAUGUUA  
UAAAUUUGUAGGAAAAUAAUUAUAUAGCUUACUUUGUACAUAAAAUAAAAACAU  
GACUUCUUUAGACACUCUUCUUAUAGAAUAAAAUAAAAUAAACUAAUAGCAGUUU  
GACUUCUAGUUCUGUCUGUAGGUCAUGGAAUCCUGUCCUUAACAAUAAUUAUUGAU  
UGUGAAAAUAUCAGUAAUUAAGCAAUUGAAUAGUUUACCUUUUCUUCUAGUCAC  
UAUGUUCUUAGAGUUAUGACA

- 2 Process for producing a metal-containing ribonucleotide protein according to claim 1, characterised in that leucocytes or inflammation tissue is homogenised or leucocytes are cultivated and the resulting RNPs are recovered from the homogenates or from the supernatants of the culture solution by standard methods.

3. Use of the ribonucleotide proteins according to claim 1 and/or molecular-biological equivalent structures and/or fragments and/or derivatives for producing a medicament for specifically influencing angiogenesis.

insert  
A1

insert  
B1

add L<sub>4</sub>